INTERNATIONAL SEARCH REPORT

national Application No T/CA2004/000137

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04L1/06 H04B H04B7/08 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04L H04B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6 173 014 B1 (FORSSEN ULF 1-7, 10,9 January 2001 (2001-01-09) 21,22, 26-36 Y the whole document 8,9, 11 - 20.23-25 US 6 081 566 A (OESTMAN THOMAS ET AL) X 1-7,10,27 June 2000 (2000-06-27) 21,22, 26-36 the whole document X EP 1 265 377 A (NIPPON ELECTRIC CO) 1-4,10, 11 December 2002 (2002-12-11) 21,22, 26-36 column 13, line 40 -column 16, line 7 figure 3 -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. X | . Special categories of cited documents : "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 11 June 2004 28/06/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo ni, Fax: (+31–70) 340–3016 Toumpoulidis, T

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